

Group 1245

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): Kiyoshi Yamaura, et al.

Docket No.
112857-301

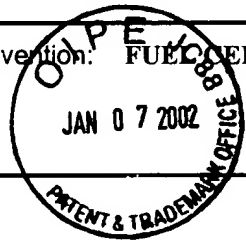
Serial No.
09/964,910

Filing Date
September 27, 2001

Examiner
Unknown

Group Art Unit
1745

Invention: FUEL CELL AND METHOD FOR PREPARATION THEREOF



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	25 -	20 =	5 x	\$18.00	\$90.00
INDEP. CLAIMS	4 -	3 =	1 x	\$84.00	\$84.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$174.00

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- ☐ No additional fee is required for amendment.
- ☒ Please charge Deposit Account No. 02-1818 in the amount of \$174.00. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$174.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-1818. A duplicate copy of this sheet is enclosed.
 - ☒ Any additional filing fees required under 37 C.F.R. 1.16.
 - ☐ Any patent application processing fees under 37 CFR 1.17.

Thomas C. Basso

Dated: December 10, 2001

Signature

Thomas C. Basso (Reg. No. 46,541)
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I certify that this document and fee is being deposited on 12/10/01 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

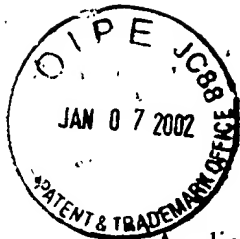
Robert Buccieri

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Robert Buccieri

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#6
5-31-02
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Applicant: Kiyoshi Yamaura, et al.
Appl. No.: 09/964,910
Filed: September 27, 2001
Title: FUEL CELL AND METHOD FOR PREPARATION THEREOF
Art Unit: 1745
Examiner: Unknown
Docket No.: 112857-301

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Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified patent application as follows:

In the Specification:

Please amend the paragraph beginning at line 3 of page 6 as follows:

A1
According to an embodiment of the present invention, one or both of the fuel electrode 2 and the oxygen electrode 3 is directly formed on the electrode film 1. It should be appreciated that the electrodes can be composed of a variety of different and suitable materials or combinations thereof. In an embodiment, the electrodes include a needle-like, or fibrous carbonaceous material, such as carbon nanotubes, needle-like graphite (i.e. a graphite material having a fibrous structure), including vapor-grown carbon fibers (VGCF) manufactured by TOHO RAYON CO., LTD., like carbonaceous materials or combinations thereof.

Please amend the paragraph beginning at line 6 of page 8 as follows:

A2
Table 1 (below) shows the measured results of the peel back force test for an electrode with a different ratio of carbon nanotubes (CNT) and graphite fibrous material (VGCF), where $R = \text{VGCF}/(\text{CNT} + \text{VGCF})$ as compared to other materials. The frequency of occurrence of peeling S was measured by bonding an adhesive tape to a film of 9cm^2 in area and by measuring the area of the tape left unpeeled on peeling. In Table 1, the values of the frequency of occurrence of peeling S in case of employing carbon black or graphite are also shown for comparison.

In the Claims:

Please cancel ~~claims 1-7~~, without prejudice, and substitute the following claims therefor:

01/10/2002 SDUONG 00000069 09964910

01 FC:102
02 FC:103

84.00 OP
90.00 OP

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TC 1770